3620-FM-WQ0146 Rev. 3/99

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER STANDARDS AND FACILITY REGULATION

DATA SUMMARY FOR PIMEPHALES PROMELAS CHRONIC WETT REPORT

NPDES No.: PA0027511 Facility Name: New Castle WWTP

Sample Source: _____

SAMPLE

	Sample Date	Sample Time	Test Date	Test Time	Temperature of (°C or °F)	Chlorine (mg/L or ug/L)
1.						
2.						
3.						
4.						

Concentrations Tested: Standard (0.5) Non-standard (other)

Age of Fishes at start of test: _____ Number of Reps: _____ Number of Fishes/Rep: _____

Source of Fishes: _____

Feeding: _____

Dilution Water Composition: _____

Water hardness and how calculated: _____

Vessel/solution volume: _____ Renewal: _____ Photo period (Day): _____ Night: _____

Light Intensity Range: _____

Test Temperature: Max: _____ Min: _____ Mean: _____ Number of times temperature recorded/day: _____

When were fishes weighed (Date): _____ Time (a.m. or p.m.): _____

Calibration date of balance: _____ Date & time of test termination: _____

Date pans weighted: _____ Below 40% and super saturated: _____

Test Aeration Range: Max: _____ Min: _____

CONTROL:

Survival: _____ Mean Growth Weight: _____ Percent CV survival: _____

Percent CV weight: _____

TEST RESULTS:

Survival NOEC: _____ Growth NOEC: _____ Survival LOEC: _____

Date of Reference Toxicant Test: _____ Were results within one concentration of central tendency? ☐ Yes ☐ No

Growth Data Summary (change concentrations used if different than standard dilutions listed below)

Dilution	Min.	Avg.	S.D.	C.V.
Control				
CONC. 1				
CONC. 2				
CONC. 3				
CONC. 4				
CONC. 5				

One-sided parametric or non-parametric procedures used for survival and growth and why.

Control chart for cultured fishes (fry) from vendor or in-house cultures and date, time and age used in test and date, time and age of fry when shipped:

Determine constant weight of dried fishes: _____

By using test weight blanks in the design, demonstrate intra test variation: _____

Calculate random mortality of fishes (number of "dead" fishes in treatment below the NOEC-S) ÷ (total fishes in test x 100%):

Date WETT data was reported on Pa. DMR form: _____

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of the individuals personally responsible for obtaining the information, I believe the attached information is true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine or imprisonment as provided by 18 Pa.C.S. § 4904.

Signature of WWTP Operator or Person Responsible	Signature of Laboratory Supervisor
Title	Title
Date	Date

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DATA SUMMARY FOR CERIODAPHNIA DUBIA CHRONIC WETT REPORT

NPDES No.: PA0027511 Facility Name: New Castle WWTP

Sample Source: _____

SAMPLE

	Sample Date	Sample Time	Test Date	Test Time	Temperature of (°C or °F)	Chlorine (mg/L or ug/L)
1.						
2.						
3.						
4.						

Concentrations Tested: Standard (0.5) Non-standard (other)

Age of Organisms at start of test: _____ Number of Reps: _____ Number of Organisms/Rep: _____

Source of Organisms: _____

Feeding: _____

Dilution Water Composition: _____

Water hardness and how calculated: _____

Vessel/solution volume: _____ Renewal: _____ Photo period (Day): _____ Night: _____

Light Intensity Range: _____

Test Temperature: Max: _____ Min: _____ Mean: _____

Number of times recorded/day: _____ Calibration date of test thermometers: _____

Date & time of test termination: _____

CONTROL:

Survival: _____ Mean Young: _____ 60% or more produced 3 bloods: _____ Percent CV: _____

TEST RESULTS:

Survival NOEC: _____ Reproduction NOEC: _____ Survival LOEC: _____

Date of Reference Toxicant Test: _____ Were results within one concentration of central tendency? ☐ Yes ☐ No

Data Summary (change concentrations used if different than standard dilutions listed below)

Dilution	Min.	Avg.	S.D.	C.V.
Control				
CONC. 1				
CONC. 2				
CONC. 3				
CONC. 4				
CONC. 5				

One-sided parametric or non-parametric procedures used for survival and growth and why.

C.dubia log book for cultured organisms and the date and time offspring of test animals begin hatching:

Calculate random mortality of organisms (number of "dead" C.dubia in treatment below the NOEC-S) ÷ (total C.dubia in test x 100%):

Date WETT data was reported on Pa. DMR form: _____

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein; and based on my inquiry of the individuals personally responsible for obtaining the information, I believe the attached information is true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine or imprisonment as provided by 18 Pa.C.S. § 4904.

Signature of WWTP Operator or Supervisor

Title

Date

Signature of Lab Supervisor

Title

Date